

FIG.1

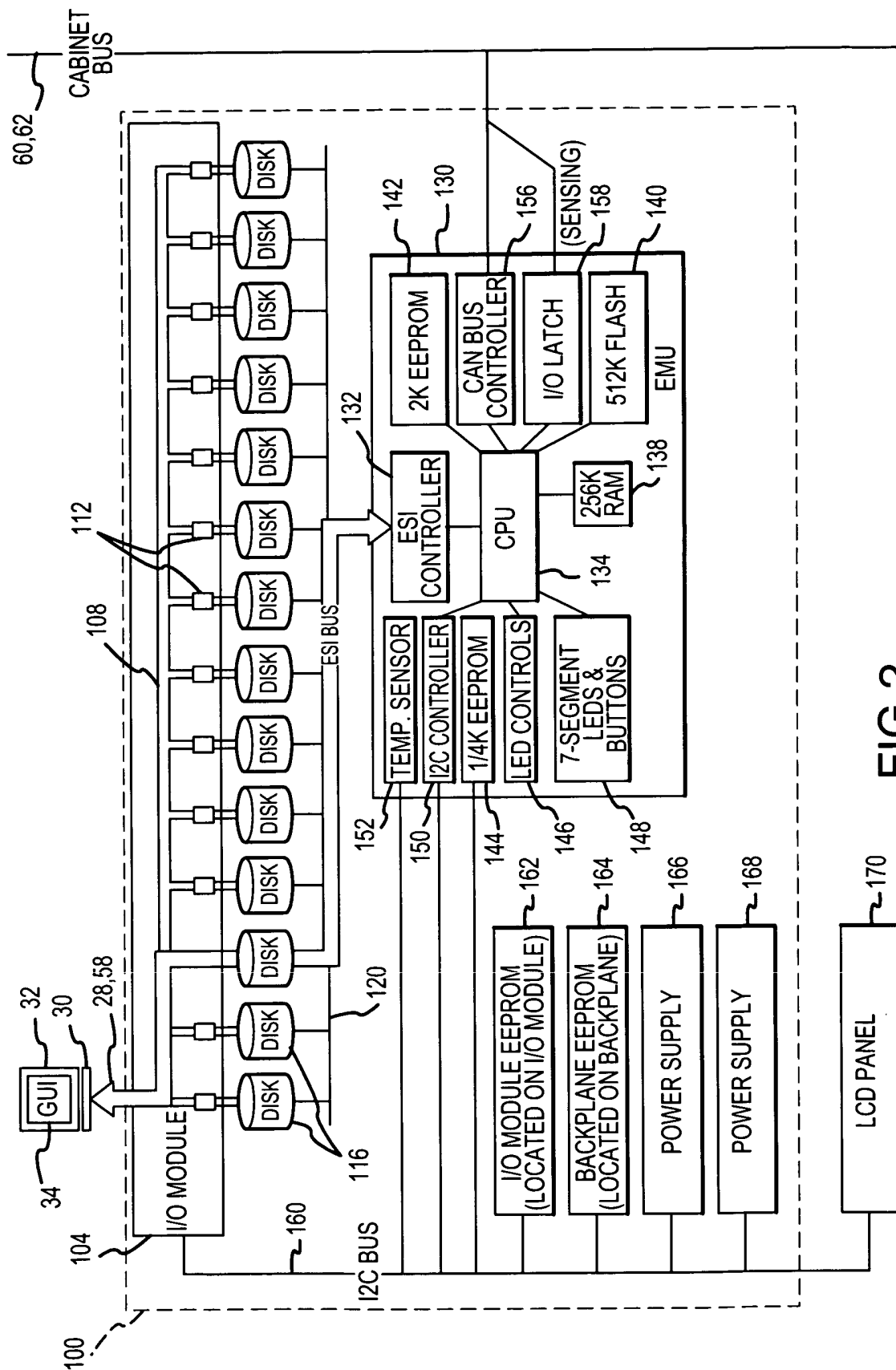


FIG. 2

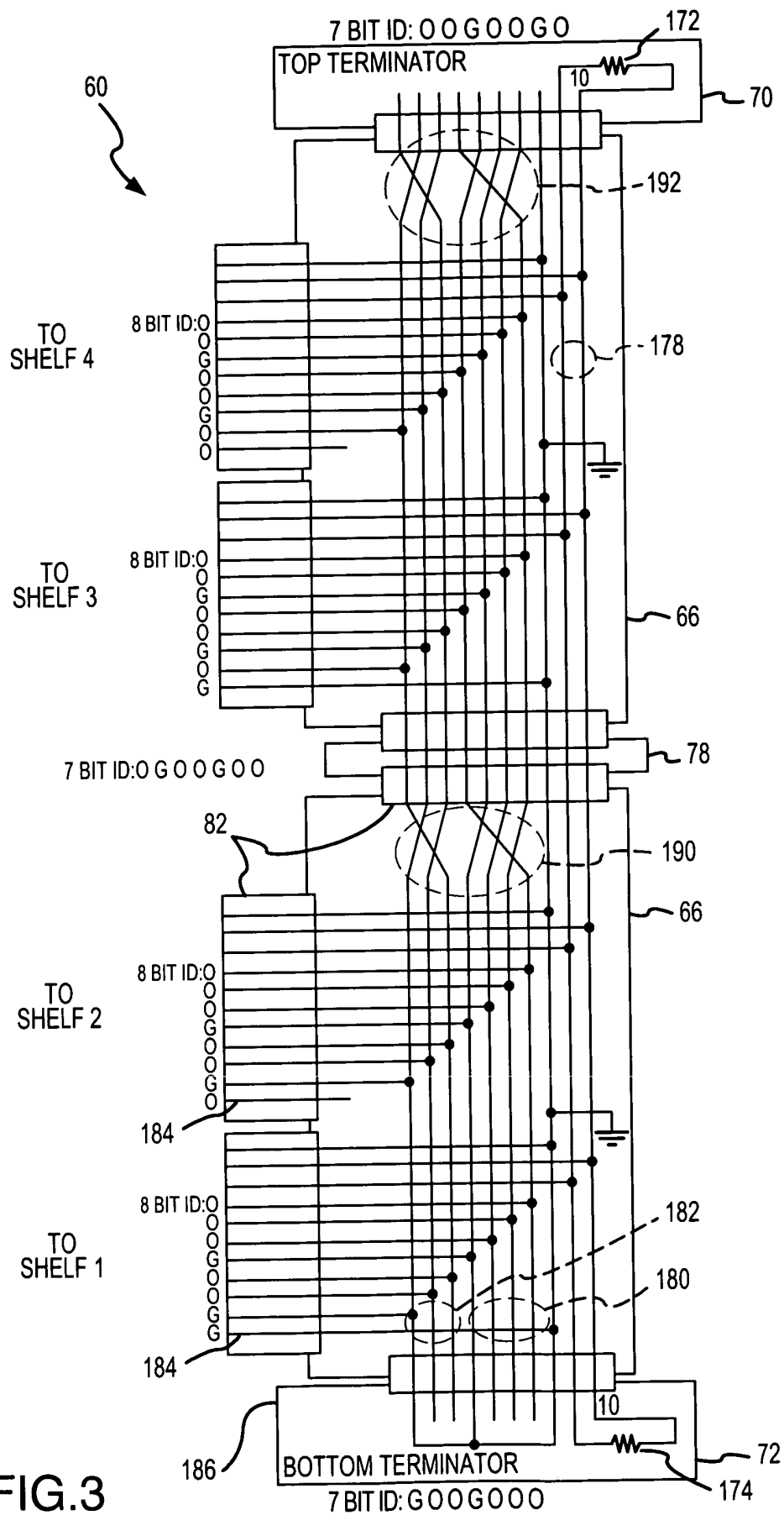


FIG.3

SHELF ID	BITS 7..4	BITS 3..1	BIT 0
1	1110	110	0
2	1110	110	1
3	1101	101	0
4	1101	101	1
5	1011	011	0
6	1011	011	1
7	0111	110	0
8	0111	110	1
9	1110	101	0
10	1110	101	1
11	1101	011	0
12	1101	011	1
13	1011	110	0
14	1011	110	1
15	0111	101	0
16	0111	101	1
17	1110	011	0
18	1110	011	1
19	1101	110	0
20	1101	110	1
21	1011	101	0
22	1011	101	1
23	0111	011	0
24	0111	011	1
CABINET CABLE DISCONNECTED	1111	XXX	X
CABINET CABLE DISCONNECTED	XXXX	111	X

FIG.4

SHELF ID	BITS 7-4	BITS 3-1	BIT 0
1	0100	010	0
2	0100	010	1
3	0010	001	0
4	0010	001	1
5	0001	100	0
6	0001	100	1
7	1000	010	0
8	1000	010	1
9	0100	001	0
10	0100	001	1
11	0010	100	0
12	0010	100	1
13	0001	010	0
14	0001	010	1
15	1000	001	0
16	1000	001	1
17	0100	100	0
18	0100	100	1
19	0010	010	0
20	0010	010	1
21	0001	001	0
22	0001	001	1
23	1000	100	0
24	1000	100	1
25	1100	110	0
26	1100	110	1
27	0110	011	0
28	0110	011	1
29	0011	101	0
30	0011	101	1
31	1001	110	0
32	1001	110	1
33	1100	011	0
34	1100	011	1
35	0110	101	0
36	0110	101	1
37	0011	110	0
38	0011	110	1
39	1001	011	0
40	1001	011	1
41	1100	101	0
42	1100	101	1
43	0110	110	0
44	0110	110	1
45	0011	011	0
46	0011	011	1
47	1001	101	0
48	1001	101	1
CABINET CABLE DISCONNECTED	1111	XXX	X
CABINET CABLE DISCONNECTED	XXXX	111	X

FIG.5